

Application Serial No. 10/010,293
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Listing of the Claims:

1 - 4. (Cancelled)

5. (Currently Amended) The fluid quick connector of claim 12

wherein:

~~an electrically conductive connector housing configured to mate with an endform having a bore extending from one end;~~

~~an electrically conductive contact member mounted in the housing and contacting the endform to electrically connect the endform and the quick connector housing, the contact member including:~~

~~a first portion mounted in the quick connector housing bore in contact with the quick connector housing; and~~

~~the arm has a bent end, the arm and the bent end including:~~

~~a beam portion extending from the annular ring of the contact member;~~

~~a reverse tapered surface extending angularly from the beam portion; and~~

~~a tip end extending angularly from an edge at one end of the reverse tapered surface and defining a lead-in surface engaged by a tip end of the endform.~~

6. (Previously Presented) The fluid quick connector of claim 5 wherein:

~~the reverse tapered surface extends at an obtuse included angle with~~

~~respect to the beam; and~~

~~the tip end extends at an obtuse included angle from the reverse tapered surface.~~

7 - 11. (Cancelled)

12. (Currently Amended) A fluid quick connector comprising:

~~an electrically conductive connector housing configured to mate with an endform having a bore extending from one open end; and~~

~~an electrically conductive contact member mounted in the housing and contacting the endform to electrically connect the endform and the quick connector housing, the contact member including:~~

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an annular ring mounted in the quick connector housing bore in contact with the quick connector housing;

an arm extending from the annular ring for passage through the open end of the bore in the endform into contact with an inner surface of the endform; and

at least one locating member extending from the annular ring of the contact member discretely discrete from the arm, the at least one locating member adapted to engage with the inner surface defining with the open end of the endform to center the annular ring relative to the endform.

13 – 30. (Cancelled)

31. (Previously Presented) The fluid coupling of claim 38 wherein:
the arm has a bent end, the arm and the bent end including:
a beam portion extending from the annular ring of the contact member;
a reverse tapered surface extending angularly from the beam portion; and
a tip end extending angularly from an edge at one end of the reverse tapered surface and defining a lead-in surface engaged by a tip end of the endform.

32. (Previously Presented) The fluid coupling of claim 31 wherein:
the reverse tapered surface extends at an obtuse included angle with respect to the beam; and
the tip end extends at an obtuse included angle from the reverse tapered surface.

33 – 37. (Cancelled)

38. (Currently Amended) A fluid coupling comprising:
an electrically conductive connector housing having a bore extending from one open end;
an electrically conductive endform having a bore extending from an open end, the open end of the endform inserted through the one open end of the housing into the bore in the housing; and

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an electrically conductive contact member mounted in the housing and contacting the endform to electrically connect the endform and the housing, the contact member including:

an annular ring mounted in the quick connector housing bore in contact with the quick connector housing;

an arm extending from the annular ring for passage through the open end of the bore in the endform into contact with an inner surface of the endform; and

at least one locating member extending from the annular ring of the contact member discretely discrete from the arm, the at least one locating member engagable with the inner surface defining the open end of the endform to center the annular ring relative to the male endform.

39. (Previously Presented) The fluid quick connector of claim 12 wherein:

the at least one locating member is one of a plurality of circumferentially spaced locating members extending from the annual ring of the contact member, each discretely from the arm.

40. (Previously Presented) The fluid coupling of claim 38 wherein:
the at least one locating member is one of a plurality of circumferentially spaced locating members extending from the annual ring of the contact member, each discretely from the arm.